

MOIDSS?- Mobile Online Intelligent Decision Support System, Phase II

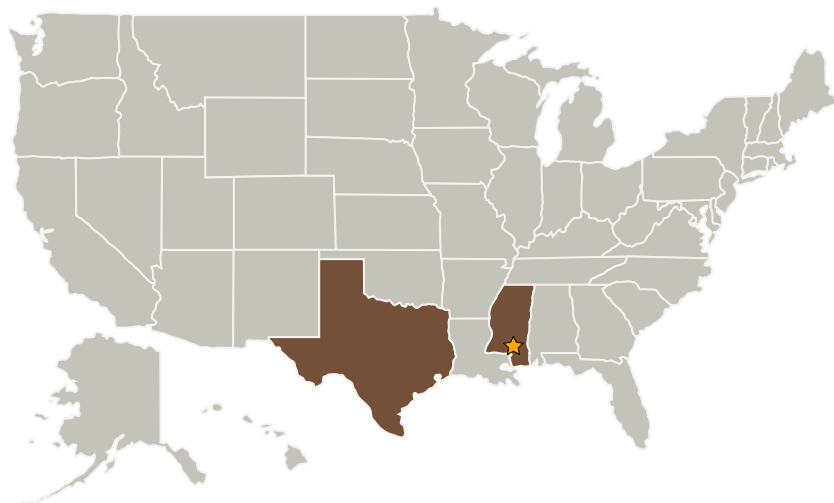
Completed Technology Project (2004 - 2006)



Project Introduction

GRID has had a successfully completed Phase I 'Mobile Online Intelligent Decision Support System' (MOIDSS). The system developed into a total solution that supports the ability to send and receive digital and analog data from sensors such as photography cameras, spectrometers, infrared and thermal scanners and other system sensors using the 'cube' computers and mobile Personal Data Adapters (PDA's). The data from the sensors can be accessed rapidly in real-time within a GIS using GRID 'geospatial-realty intelligent linking database' (GRILD) autonomously using GPS geospatial authentication. The system has successfully received data using wireless networking systems such as spread spectrum, UHF, and satellite communication systems. Using commercial-off-the-shelf (COTS) solutions allows a solution that is not proprietary and proven security biometric identification. This system uses GRID's customized software with partners ESRI and Leica Geosystems. The solution was designed with input from local first responders and facility managers. GRID is prepared to move to the next phase to enter the market with a valuable product.

Primary U.S. Work Locations and Key Partners



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Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Stennis Space Center (SSC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

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Organizations Performing Work	Role	Type	Location
★Stennis Space Center(SSC)	Lead Organization	NASA Center	Stennis Space Center, Mississippi
Geospatial Research Innovation Design	Supporting Organization	Industry	Corpus Christi, Texas

Primary U.S. Work Locations

Mississippi	Texas
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Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Technology Areas

Primary:

- TX12 Materials, Structures, Mechanical Systems, and Manufacturing
 - └ TX12.2 Structures
 - └ TX12.2.3 Reliability and Sustainment